

APPLICANT FACSIMILE OF FORM PTO-1449
 REV 7-80

 U.S. DEPARTMENT OF
 COMMERCE
 PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

SERIAL NO.

AVZ-016

09/327,199

 LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT

Kaddurah-Daouk, Rima

FILING DATE

June 7, 1999

GROUP

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,321,030	06/94	Kaddurah-Daouk et al.	514	275	
	A2	5,324,731	06/94	Kaddurah-Daouk, R. et al.	514	275	
	A3	5,543,405	08/96	Keown	514	188	
	A4	5,676,978	10/97	Teicher et al.	424	649	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	NO

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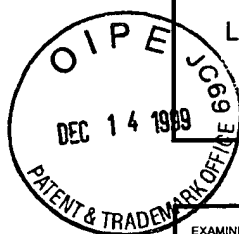
	A5	ADELMAN, R. C. et al. "Dietary and Hormonal Effects on Adenosine Triphosphate: Adenosine Monophosphate Phosphotransferase Activity in Rat Liver" <i>The Journal of Biological Chemistry</i> 243(10):2538-2544 (May 1968);
	A6	ARORA, KK et al. "Structure/function relationships in hexokinase. Site-directed mutational analyses and characterization of overexpressed fragments implicate different functions for the N- and C-terminal halves of the enzyme" <i>J. Biol. Chem.</i> 268(24):18259-66 (1993 Aug 25);
	A7	ATKINSON, D.E. "Adenylate Control and the Adenylate Energy Charge" <i>Cellular Energy Metabolism and Its Regulation</i> , Academic Press, New York, chapter 4, pp. 85-107 (1977);
	A8	BERG, P. et al. "Transphosphorylation between Nucleoside Polyphosphates" <i>Nature</i> 172:1008-1009 (1953 Nov 28);
	A9	BRDICZKA, D. "Function of the Outer Mitochondrial Compartment in Regulation of Energy Metabolism" <i>Biochimica et Biophysica Acta</i> 1187:264-269 (1994);
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	A12	BRUNE, M. et al. "Cloning and Sequencing of the Adenylate Kinase Gene (<i>adk</i>) of <i>Escherichia coli</i> " <i>Nucleic Acids Research</i> 13(19):7139-7151 (1985);
	A13	BUBLITZ, C. et al. "Synthesis of Phosphatides In Isolated Mitochondria" <i>Journal of Biological Chemistry</i> 211:951-963 (1954);
	A14	CALLAGHAN, O.H. "The Purification and Properties of Rabbit-Muscle Myokinase" <i>Biochem. J.</i> 67:651-657 (1957);
	A15	CALLAGHAN, O.H. and Weber, G. "Kinetic Studies on Rabbit-Muscle Myokinase" <i>Biochem. J.</i> 73:473-485 (1959);
	A16	CARDENAS, M.L. et al. "Evolution and regulatory role of the hexokinases" <i>Biochim. Biophys. Acta</i> 1401(3):242-64 (1998 Mar 5);
	A17	CHIGA and Plaut, G.W.E. "An Enzyme System from Mitochondria Catalyzing Adenosine Diphosphate-Adenosine Triphosphate and Orthophosphate-Adenosine Triphosphate Exchange Reactions" <i>Journal of Biological Chemistry</i> 234(11):3059-3066 (1959 Nov);

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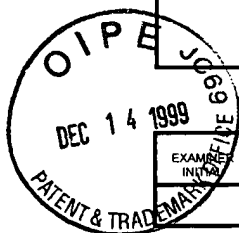
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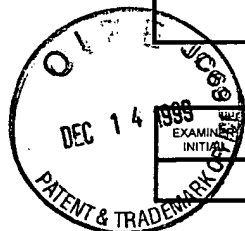
B1	CRISS, W.E. "ATP: AMP Phosphotransferase Flux in Rat Liver" <i>J. Biochem.</i> <u>70</u> :273-278 (1971);
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B5	HAYASHI SI, et al. "Purification and properties of glycerol kinase from <i>Escherichia coli</i> ." <i>J Biol Chem.</i> <u>242</u> (5):1030-1035 (1967 Mar 10);
B6	HOMMES, F.A. et al. "The Development of Adenylate Kinase in Rat Liver" <i>Biochimica et Biophysica Acta</i> <u>230</u> :327-329 (1971);
B7	KATZEN, H.M. et al. "Multiple forms of hexokinase. Activities associated with subcellular particulate and soluble fractions of normal and streptozotocin diabetic rat tissues" <i>J. Biol. Chem.</i> <u>245</u> (16):4081-96 (1970 Aug 25);
B8	KENDRICK-JONES, J. and Perry, S.V. "The Enzymes of Adenine Nucleotide Metabolism in Developing Skeletal Muscle" <i>Biochem. J.</i> <u>103</u> :207 (1967);
B9	KHOO, J.C. and Russell, P.J. "Isoenzymes of Adenylate Kinase in Human Tissue" <i>Biochimica et Biophysica Acta</i> <u>268</u> :98-101 (1972);
B10	KISHI, F. et al. "Isolation and Characterization of Two Types of cDNA for Mitochondrial Adenylate Kinase and Their Expression in <i>Escherichia coli</i> " <i>The Journal of Biological Chemistry</i> <u>262</u> (24):11785-11789 (1987 Aug);
B11	KOSCHINSKY T, et al. "Regulation of glycerol kinase by insulin in isolated fat cells and liver of Bar Harbor obese mice". <i>Diabetologia</i> <u>7</u> (5):316-22 (1971 Oct);
B12	KOSCHINSKY T, et al. "Glycerol-kinase and lipolysis in human adipose tissue in relation to relative body weight" <i>Hoppe Seylers Z Physiol Chem.</i> <u>352</u> (3):430-432 (1971 Mar);
B13	KREBS, H.A. and Hems, R. "Some Reactions of Adenosine and Inosine Phosphates in Animal Tissues" <i>Biochimica et Biophysica Acta</i> <u>12</u> :172-180 (1953);
B14	KROEMER, G. et al. "Mitochondrial Control of Apoptosis" <i>Immunology Today</i> <u>18</u> (1):44-51 (1997 Jan);
B15	KROEMER, G. "The proto-oncogene Bcl-2 and its role in regulating apoptosis" <i>Nature Medicine</i> <u>3</u> (6):614-20 (1997 Jun);

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	C4	MARKLAND, F.S. and Wadkins, C.L. "Adenosine Triphosphate-Adenosine 5'-Monophosphate Phosphotransferase of Bovine Liver Mitochondria. I. Isolation and Chemical Properties" <i>The Journal of Biological Chemistry</i> <u>214(18)</u> :4124-4135 (1966 Sep);
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	C7	MCBRIDE, O.W. et al. "Presence of glycerokinase in guinea pig mammary gland and the incorporation of glycerol into glycerides". <i>J Lipid Res.</i> <u>5(3)</u> :442-447 (1964 Jul);
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	C9	MOURAD, N. and Parks, R.E. Jr. "NDP Kinase: Demonstration of Phosphorylated Enzyme as the Reactive Intermediate" <i>Biochemical and Biophysical Research Communications</i> <u>19(3)</u> :312-316 (1965);
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	C12	NAKAZAWA, A. et al. "Gene Structures of Three Vertebrate Adenylate Kinase Isozymes" <i>Isozymes: Structure, Function, and Use in Biology and Medicine</i> , Wiley-Liss, Inc., pp. 495-514 (1990);
	C13	NEWSHOLME, EA et al. "A radiochemical enzymatic activity assay for glycerol kinase and hexokinase". <i>Biochim Biophys Acta.</i> <u>132(2)</u> :338-46 (1967 Mar 15);
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	D10	ROBINSON J, et al. "Glycerol kinase activities in rat heart and adipose tissue." <i>Biochem J.</i> <u>104</u> (1):2C-4C (1967 Jul);
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	D14	TANABE, T. et al. "Tissue-Specific and Developmentally Regulated Expression of the Genes Encoding Adenylate Kinase Isozymes" <i>J. Biochem.</i> <u>113</u> :200-207 (1993);
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E2	THORNER J.W., et al. "Composition and subunit structure of glycerol kinase from Escherichia coli". <i>J Biol Chem.</i> 246(12):3885-94 (1971 Jun 25);
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E7	WALLIMANN, T. et al. "Intracellular Compartmentation, Structure and Function of Creatin Kinase Isoenzymes in Tissues with High and Fluctuating Energy Demands: the 'Phosphocreatine Circuit' for Cellular Energy Homeostasis" <i>Biochem. J.</i> 281:21-40 (1992);
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